



US Army Corps
of Engineers
Alaska District

Public Notice of Application for Permit

Regulatory Branch (1145b)
3437 Airport Way
Suite 206
Fairbanks, Alaska 99709-4777

PUBLIC NOTICE DATE: December 24, 2003

EXPIRATION DATE: January 24, 2004

REFERENCE NUMBER: 4-2002-1098

WATERWAY NUMBER: Tanana River 222

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States as described below and shown on the attached plan.

APPLICANT: United States Army, Public Works, Michael T. Meeks, Building 3105, Fort Wainwright, Alaska 99703.

AGENT: Ms. Deb Lipyanic, Public Works, Building 3023, Fort Wainwright, Alaska 99703, 907-353-6702.

LOCATION: The project is located within the small arms range complex at Fort Wainwright, Alaska within sections 20 and 29, Township 1 South, Range 1 East, Fairbanks Meridian, Fairbanks, Alaska. 64° 48' 23" N, 147° 35' 30" W. USGS Fairbanks D-2 SE Quadrangle.

WORK: The applicant proposes to discharge 93,457 cubic feet of unclassified fill material into 26.4 acres of wetlands.

PURPOSE: The purpose of this project is to construct facilities that meet requirements for implementation of the United States Army Garrison Alaska (USAG-AK) military mission at Fort Wainwright Alaska.

ADDITIONAL INFORMATION: USAG-AK proposes to construct a Modified Military Operations in Urban Terrain (MOUT) Facility for basic urban operations training. The facility would include a Breach Facility, an Urban Assault Course, and a Shoot House. An After Action Review Facility would be constructed to allow the control, monitoring, and reviewing of simulations and training operations. Supporting facilities would include electric service; short, crushed aggregate access roads and parking areas; an ammo breakdown facility; a warm-up building; self-contained dry-flush Arctic latrines; and information systems. Please see the attached plans, sheets 1 through 32, dated December 15, 2003, for a detailed account of the proposed work.

This project is mission essential for the existing force, the 172nd Infantry Brigade as certified by the United States Army Pacific Command. Failure to upgrade or construct these facilities would result in a failure of USAG-AK and other Alaska military units to obtain cost effective training required to support their critical combat roles. This would affect USAG-AK units' military readiness

and availability for development to meet threats to the security of the United States.

WATER QUALITY CERTIFICATION: A permit for the described work will not be issued until a certification or waiver of certification as required under Section 401 of the Clean Water Act (Public Law 95-217), has been received from the Alaska Department of Environmental Conservation.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, reasons for holding a public hearing.

CULTURAL RESOURCES: The latest published version of the Alaska Heritage Resources Survey (AHRS) has been consulted for the presence or absence of historic properties, including those listed in or eligible for inclusion in the National Register of Historic Places. There are no listed or eligible properties in the vicinity of the worksite. Consultation of the AHRS constitutes the extent of cultural resource investigations by the District Engineer at this time, and he is otherwise unaware of the presence of such resources. This application is being coordinated with the State Historic Preservation Office (SHPO). Any comments SHPO may have concerning presently unknown archeological or historic data that may be lost or destroyed by work under the requested permit will be considered in our final assessment of the described work.

ENDANGERED SPECIES: No threatened or endangered species are known to use the project area. Preliminarily, the described activity will not affect threatened or endangered species, or their critical habitat designated as endangered or threatened, under the Endangered Species Act of 1973 (87 Stat. 844). This application is being coordinated with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service. Any comments they may have concerning endangered or threatened wildlife or plants or their critical habitat will be considered in our final assessment of the described work.

ESSENTIAL FISH HABITAT: The proposed work is being evaluated for possible effects to Essential Fish Habitat (EFH) pursuant to the Magnuson Stevens Fishery Conservation and Management Act of 1996 (MSFCMA), 16 U.S.C. *et seq* and associated federal regulations found at 50 CFR 600 Subpart K. The Alaska District includes areas of EFH as Fishery Management Plans. We have reviewed the January 20, 1999, North Pacific Fishery Management Council's Environmental Assessment to locate EFH area as identified by the National Marine Fisheries Service (NMFS). We have determined that the described activity within the proposed area will not adversely affect EFH, including anadromous fish and federally managed fishery resources.

SPECIAL AREA DESIGNATION: Small arms complex, Fort Wainwright, Alaska.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the proposed activity and its intended use on the public interest. Evaluation of the probable impacts, which the proposed activity may have on the public interest, requires a careful weighing of all the factors that become relevant in each particular case. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. The decision whether to authorize a proposal, and if so, the conditions under which it will be allowed to occur, are therefore determined by the outcome of the general balancing process. That decision should reflect the national concern for both protection and utilization of important resources. All factors, which may be relevant to the proposal, must be considered including the cumulative effects thereof. Among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general,

the needs and welfare of the people. For activities involving 404 discharges, a permit will be denied if the discharge that would be authorized by such permit would not comply with the Environmental Protection Agency's 404(b)(1) guidelines. Subject to the preceding sentence and any other applicable guidelines or criteria (see Sections 320.2 and 320.3), a permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Comments on the described work, with the reference number, should reach this office no later than the expiration date of this Public Notice to become part of the record and be considered in the decision. Please contact Mrs. Sheila Newman at (907) 474-2166, if further information is desired concerning this notice.

AUTHORITY: This permit will be issued or denied under the following authority:

Discharge dredged or fill material into waters of the United States - Section 404 Clean Water Act (33 U.S.C. 1344). Therefore, our public interest review will consider the guidelines set forth under Section 404(b) of the Clean Water Act (40 CFR 230).

A plan and Notice of Application for State Water Quality Certification are attached to this Public Notice.

District Engineer
U.S. Army, Corps of Engineers

Attachments

FRANK H. MURKOWSKI, GOVERNOR

STATE OF ALASKA

OFFICE OF THE GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

DIVISION OF AIR AND WATER QUALITY

Non-Point Source Control Section

401 Certification Program

NOTICE OF APPLICATION FOR STATE WATER QUALITY CERTIFICATION

Any applicant for a federal license or permit to conduct an activity that might result in a discharge into navigable waters, in accordance with Section 401 of the Clean Water Act of 1977 (PL95-217), also must apply for and obtain certification from the Alaska Department of Environmental Conservation that the discharge will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. By agreement between the U.S. Army Corps of Engineers and the Department of Environmental Conservation, application for a Department of the Army permit to discharge dredged or fill material into navigable waters under Section 404 of the Clean Water Act also may serve as application for State Water Quality Certification.

Notice is hereby given that the application for a Department of the Army Permit described in the Corps of Engineers' Public Notice No. 4-2002-1098, Tanana River 222 serves as application for a short-term variance of State Water Quality Certification from the Department of Environmental Conservation, as provided in Section 401 of the Clean Water Act of 1977 (PL 95-217).

The Department will review the proposed activity to ensure that, except for an allowed, short-term variance, any discharge to waters of the United States resulting from the referenced project will comply with the Clean Water Act of 1977 (PL95-217), the Alaska Water Quality Standards, and other applicable State laws. The Department also may deny or waive certification.

Any person desiring to comment on the project with respect to Water Quality Certification may submit written comments within 30 days of the date of the Corps of Engineer's Public Notice to:

Department of Environmental Conservation
WQM/401 Certification
555 Cordova Street
Anchorage, Alaska 99501-2617
Telephone: (907) 269-7564
FAX: (907) 269-7508

MODIFIED MOUT AND RANGE UPGRADE FACILITY
FORT WAINWRIGHT, ALASKA

VICINITY MAP

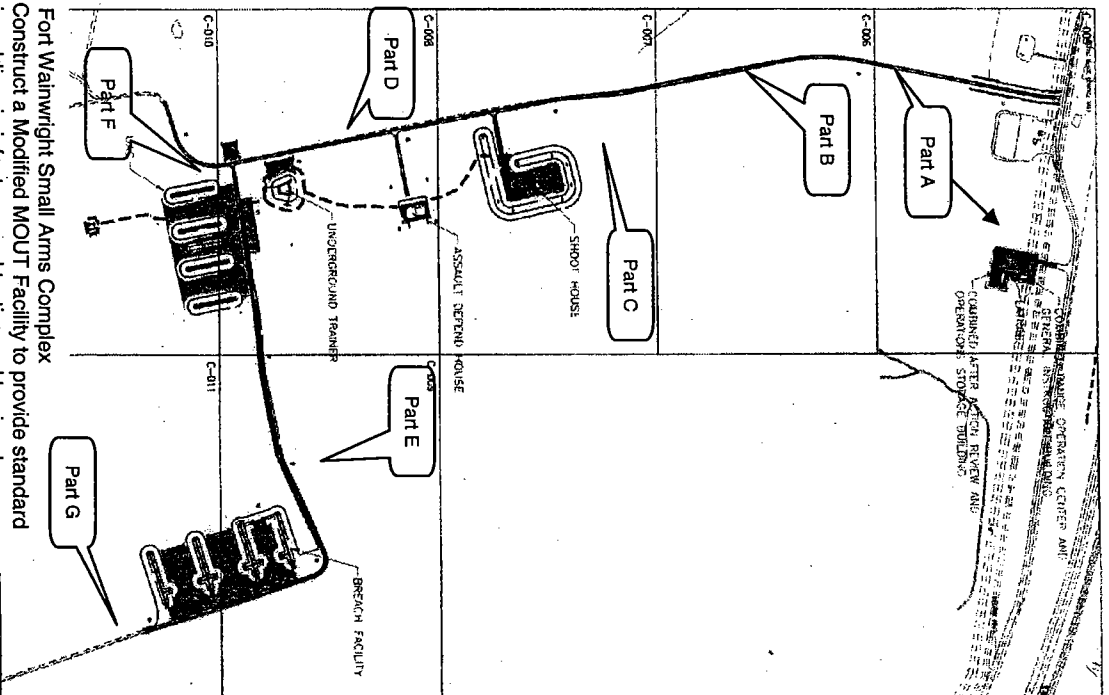


LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in infantry squad tactics and basic urban operations.
NEAREST WATERBODY: Tanana River
Fairbanks North Star Borough
Section 20 & 29 T1S, R1E, Fairbanks Meridian

LOCATION MAP



Modified MOUT Facility - Site Plan



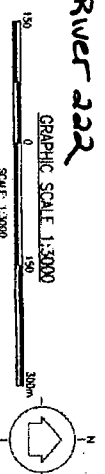
LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in infantry squad tactics and basic urban operations.
NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian



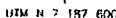
4-2002-1098 TANANA RIVER 222

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UTM E 471 200



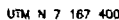
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60m

554

COMBINED ACTION SECTION HEREIN AND
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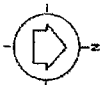
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MATCH LINE SEE SHEET NO. C-007

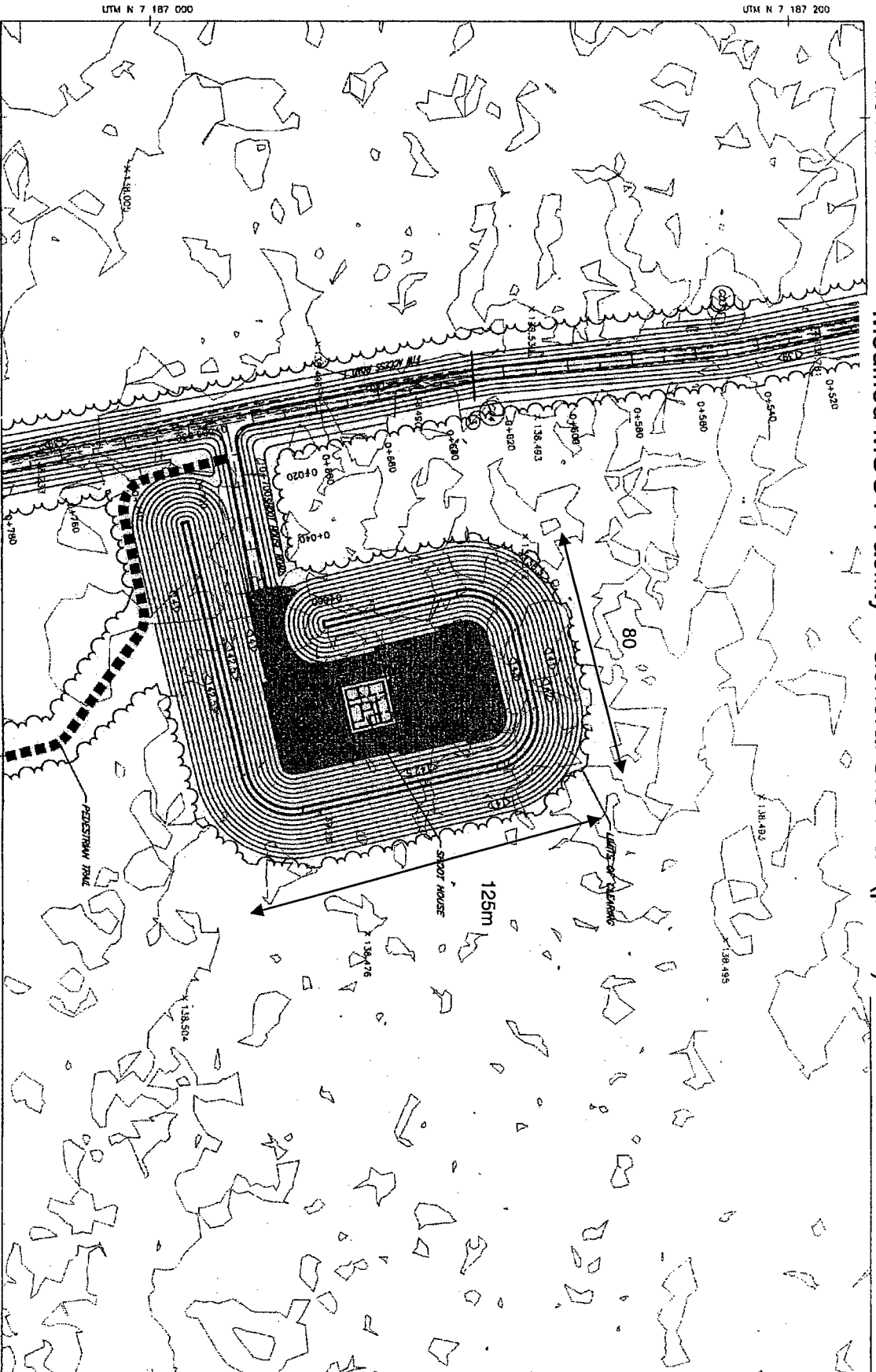
GRAPHIC SCALE 1:500

A horizontal scale bar with markings at 0, 10m, 20m, 30m, 40m, 50m, and 60m. The bar is divided into segments of 10m each.

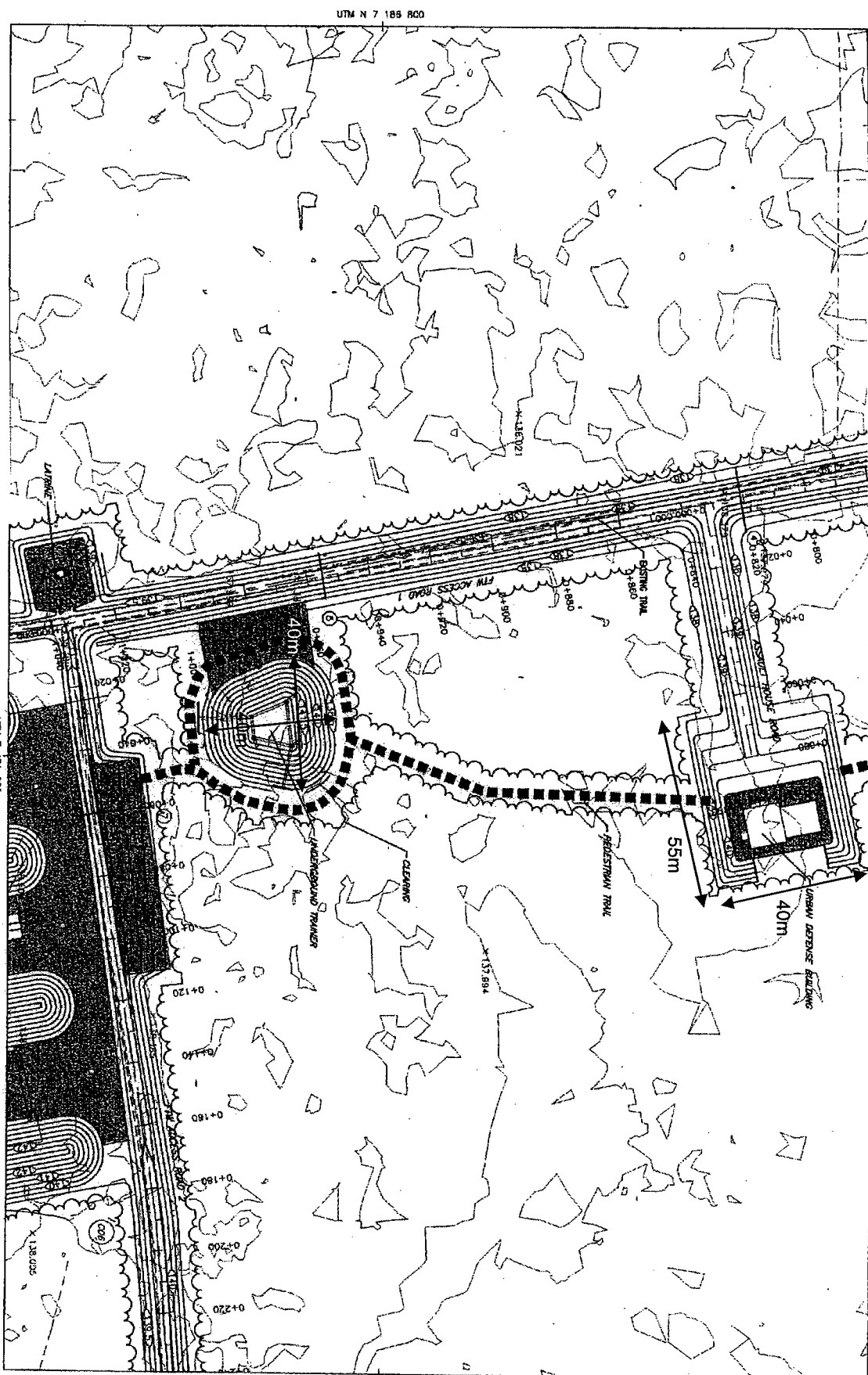


UTM E 471 000

Modified MOUT Facility – General Site Plan (part C)



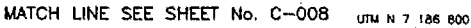
Modified MOUT Facility – General Site Plan (part D)



LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in infantry squad tactics and basic urban operations.
NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

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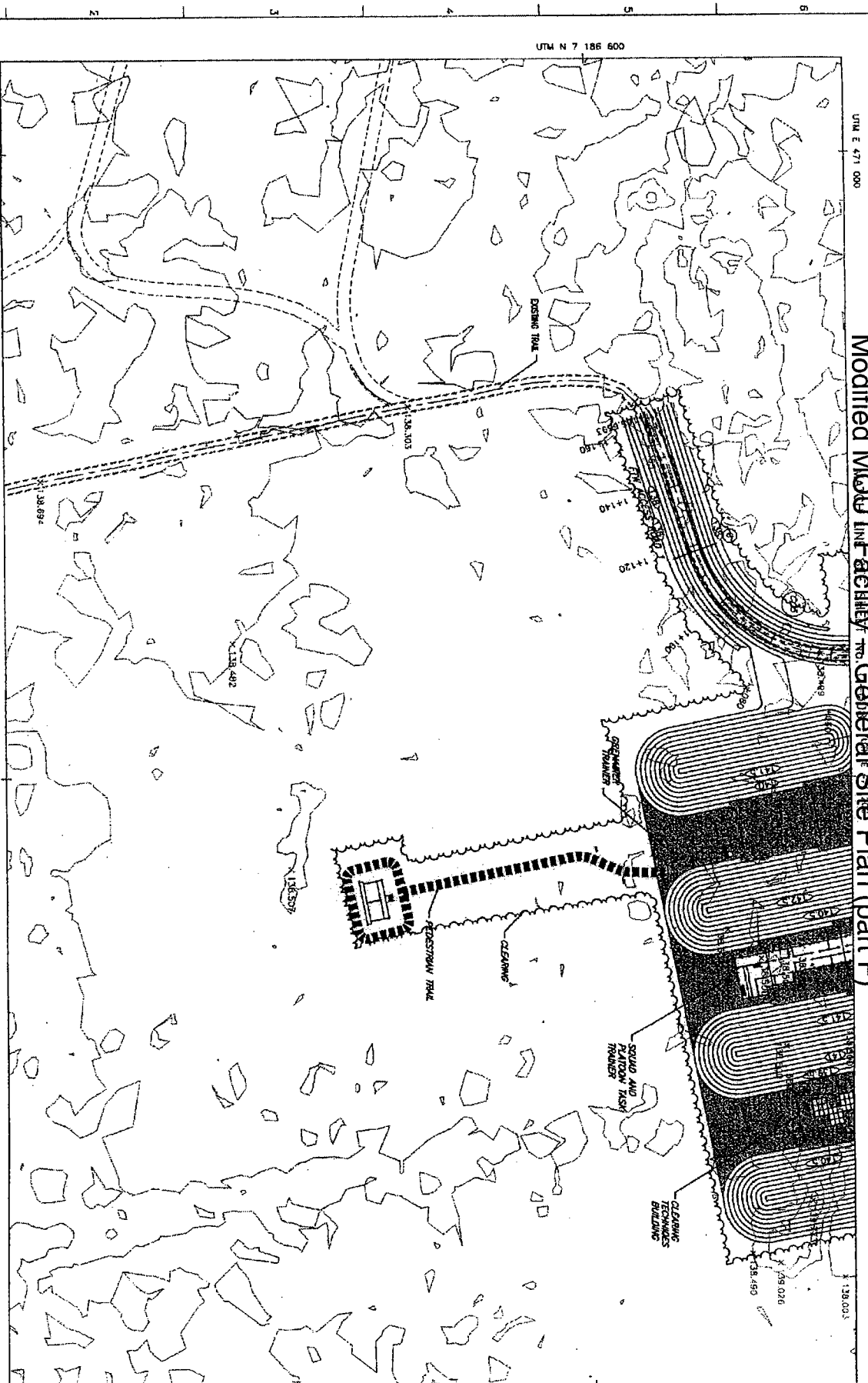


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4-2002-1098 Tamara Lwee 222 12/15/2003

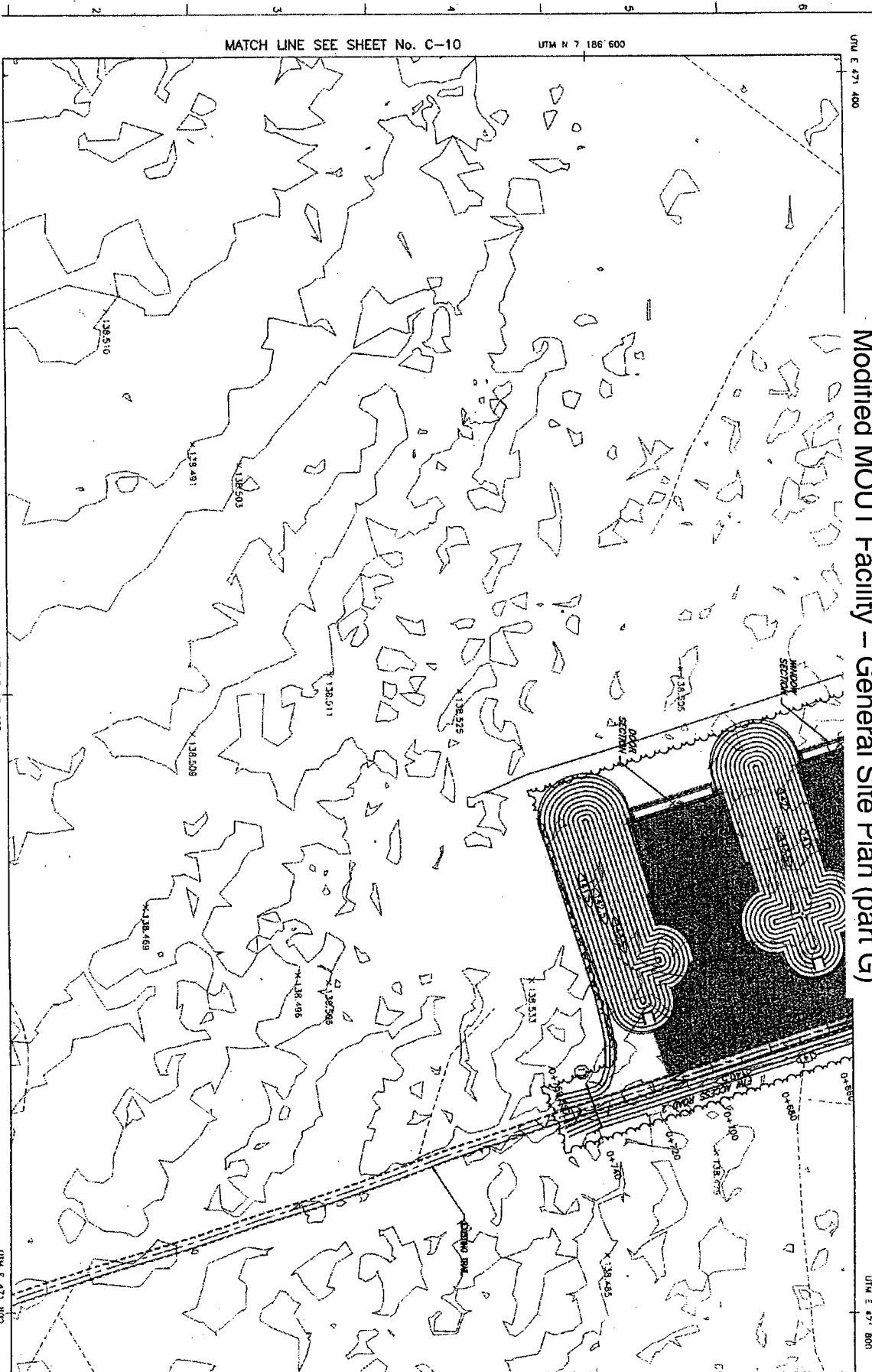
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Modified MOUT Facility General Site Plan (part F)



LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in Infantry squad tactics and basic urban operations.
NEAREST WATERBODY: Tanana River
Fairbanks North Star Borough
Section 20 & 29 T1S, R1E, Fairbanks Meridian

Modified MOUT Facility – General Site Plan (part G)



LOCATION: Fort Wainwright Small Arms Complex
 PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in infantry squad tactics and basic urban operations.
 NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

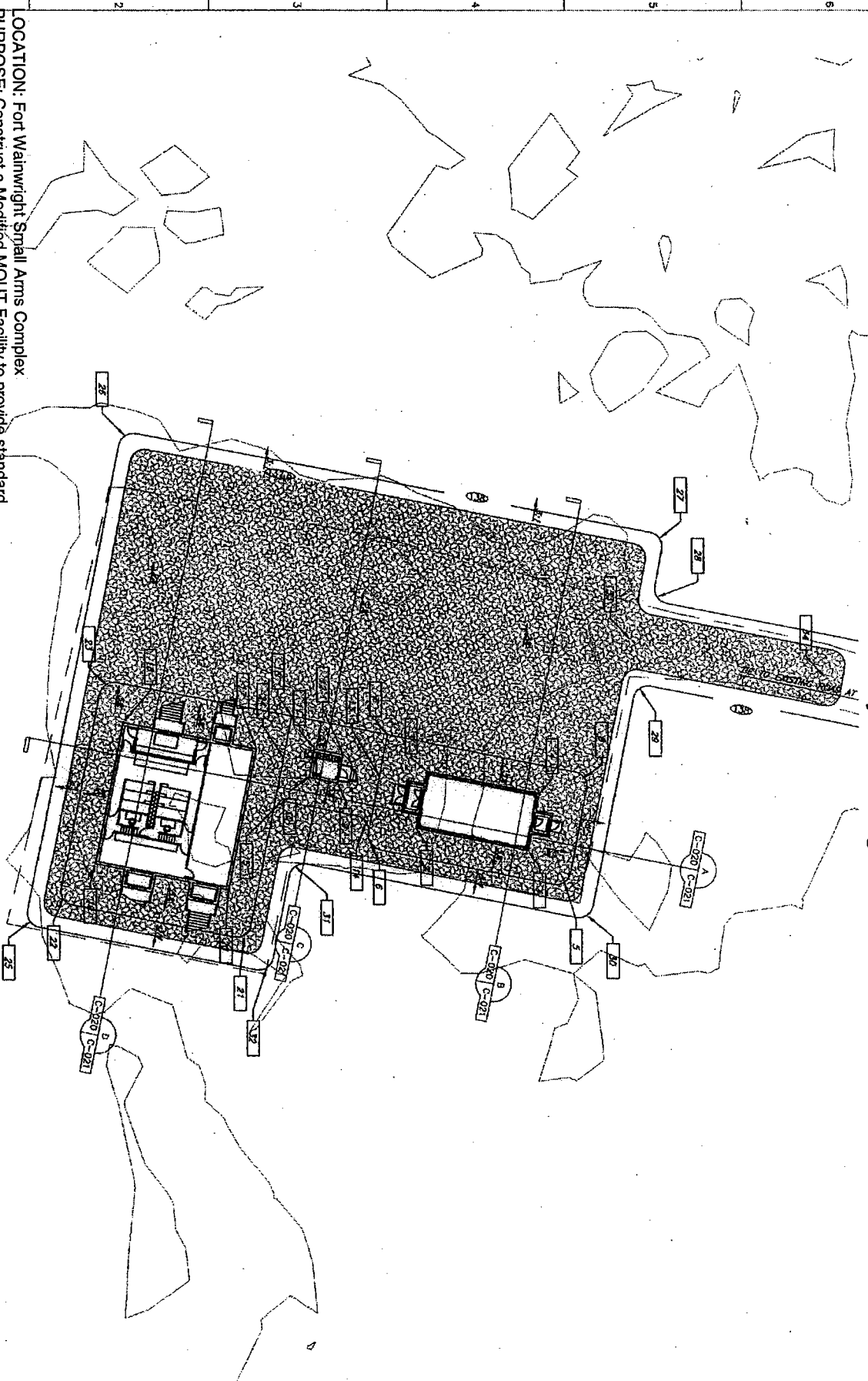
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GRAPHIC SCALE 1:500



4-2002-1098 Tanana River 222 12/15/2003

Modified MOUT Facility – Building site



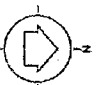
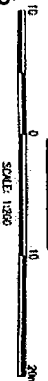
LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in Infantry squad tactics and basic urban operations.
NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

COMBINED ROC AND GENERAL INSTRUCTION BUILDING
LATRINE, AND COMBINED AAR AND OPERATIONS STORAGE BUILDING

SCALE: 1:200

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GRAPHIC SCALE

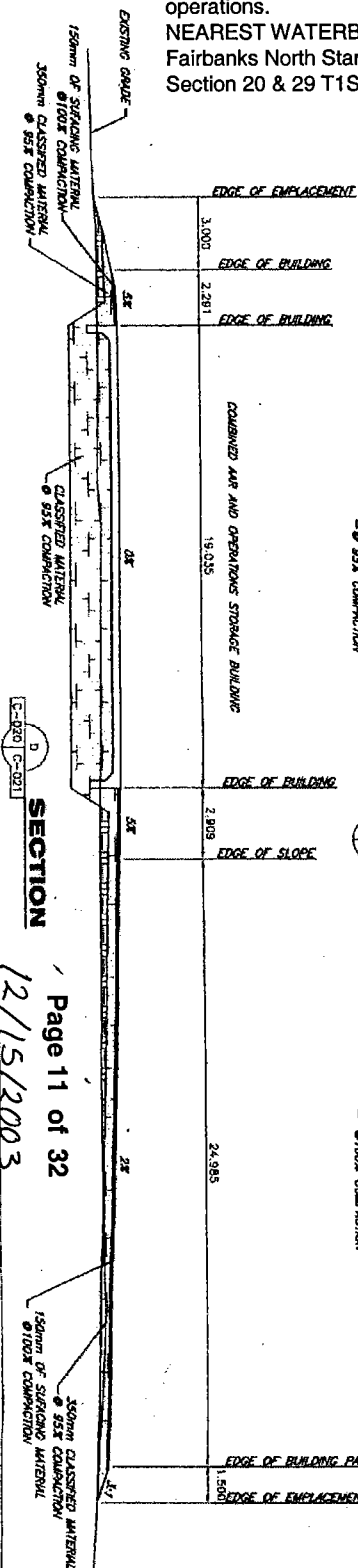
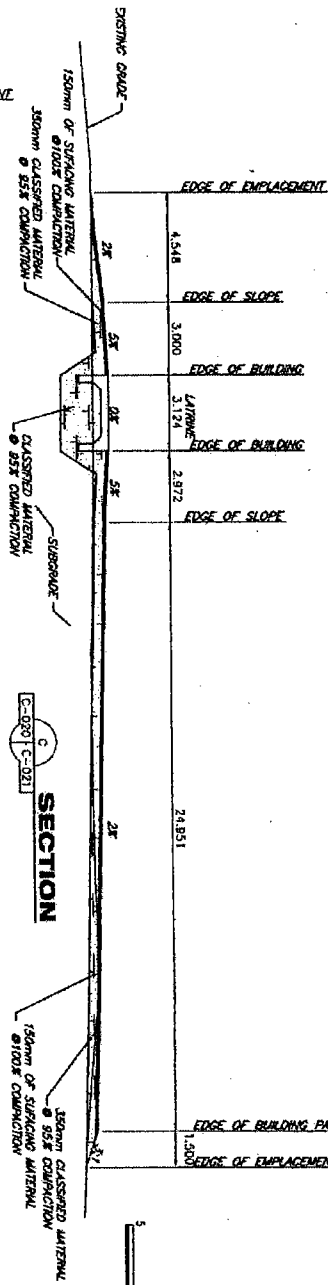
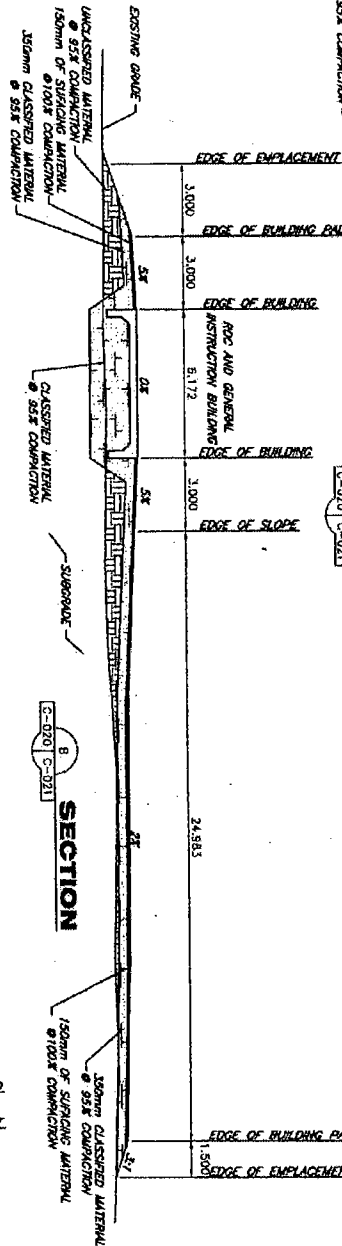
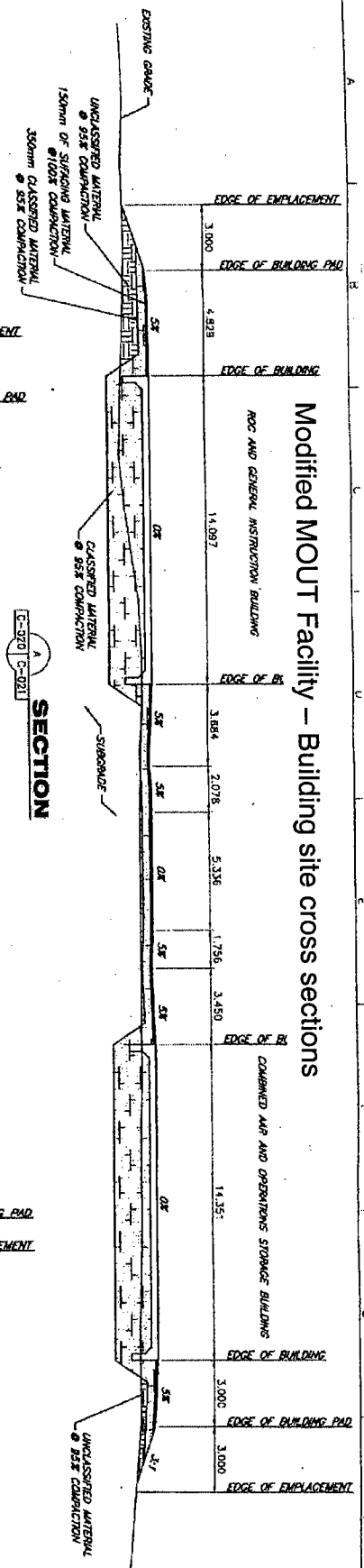


4-2002-1098 Tanana River 202 12/15/2003

LOCATION: Fort Wainwright Small Arms Complex
 PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in infantry squad tactics and basic urban operations.

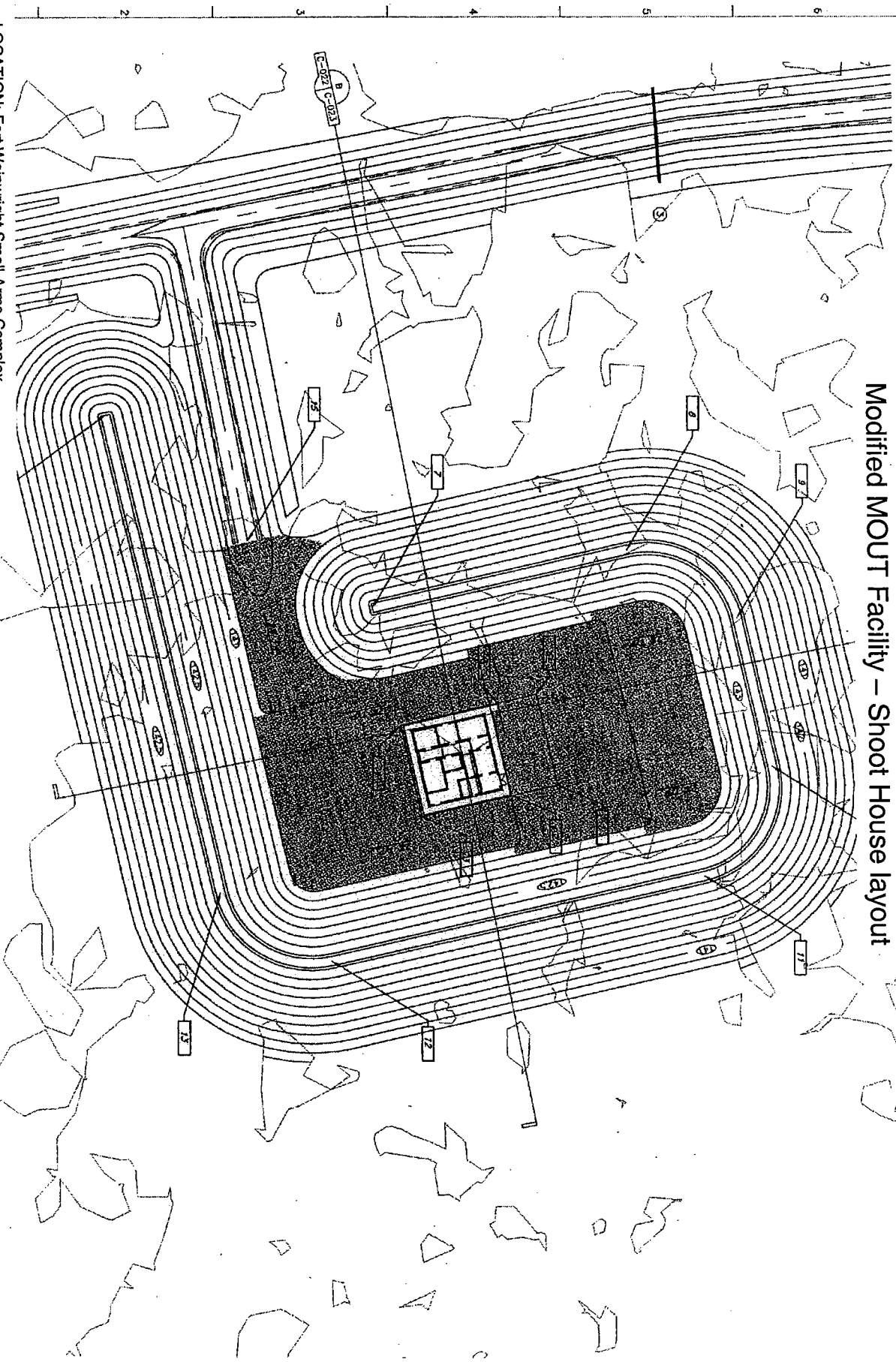
NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

Modified MOUT Facility - Building site cross sections



4-2002-1098 Tanana River R22

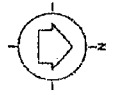
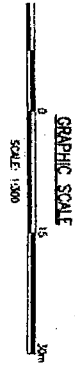
Modified MOUT Facility – Shoot House layout



LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in Infantry squad tactics and basic urban operations.
NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

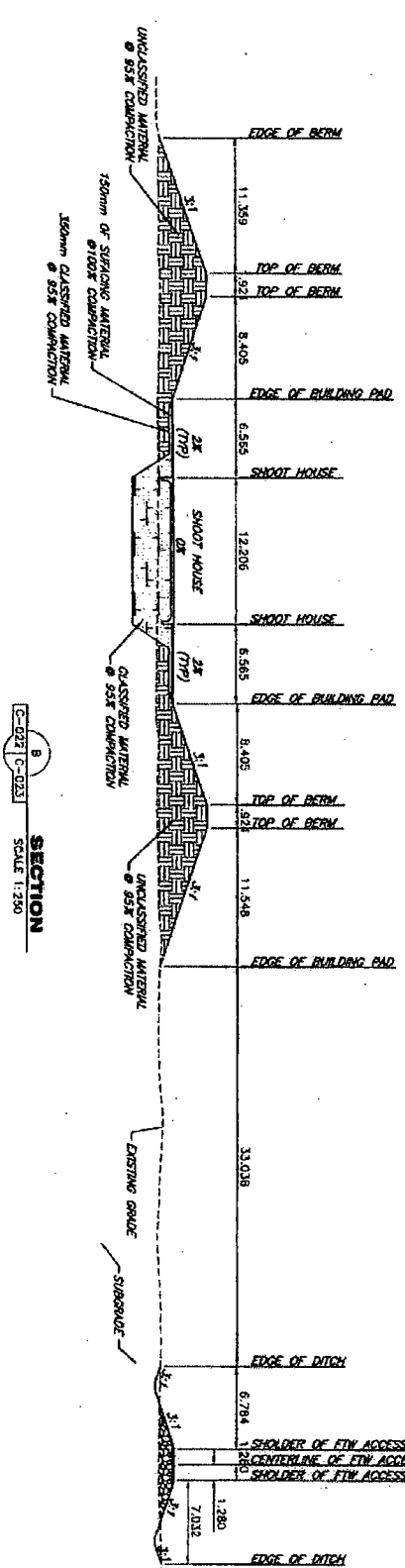
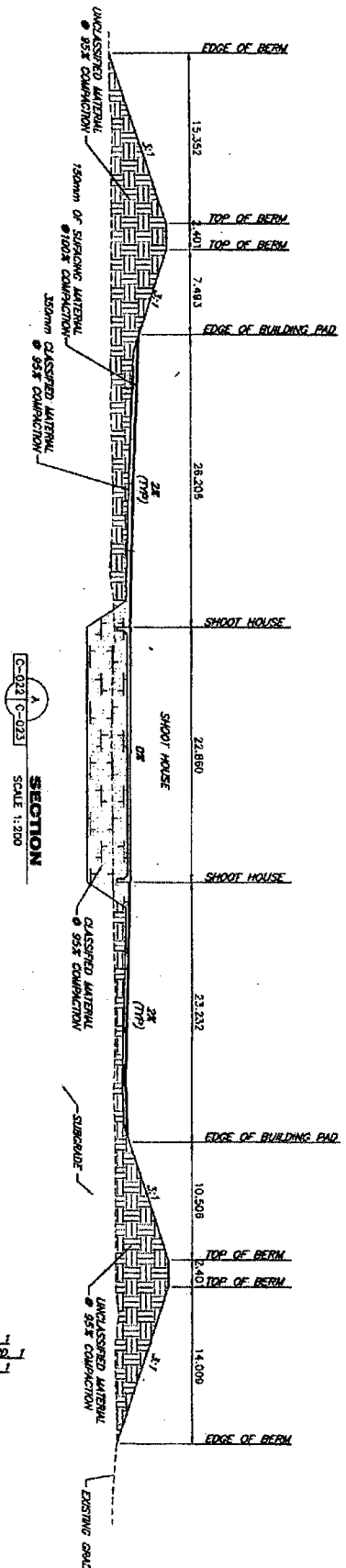
SHOOT HOUSE
 SCALE 1:300

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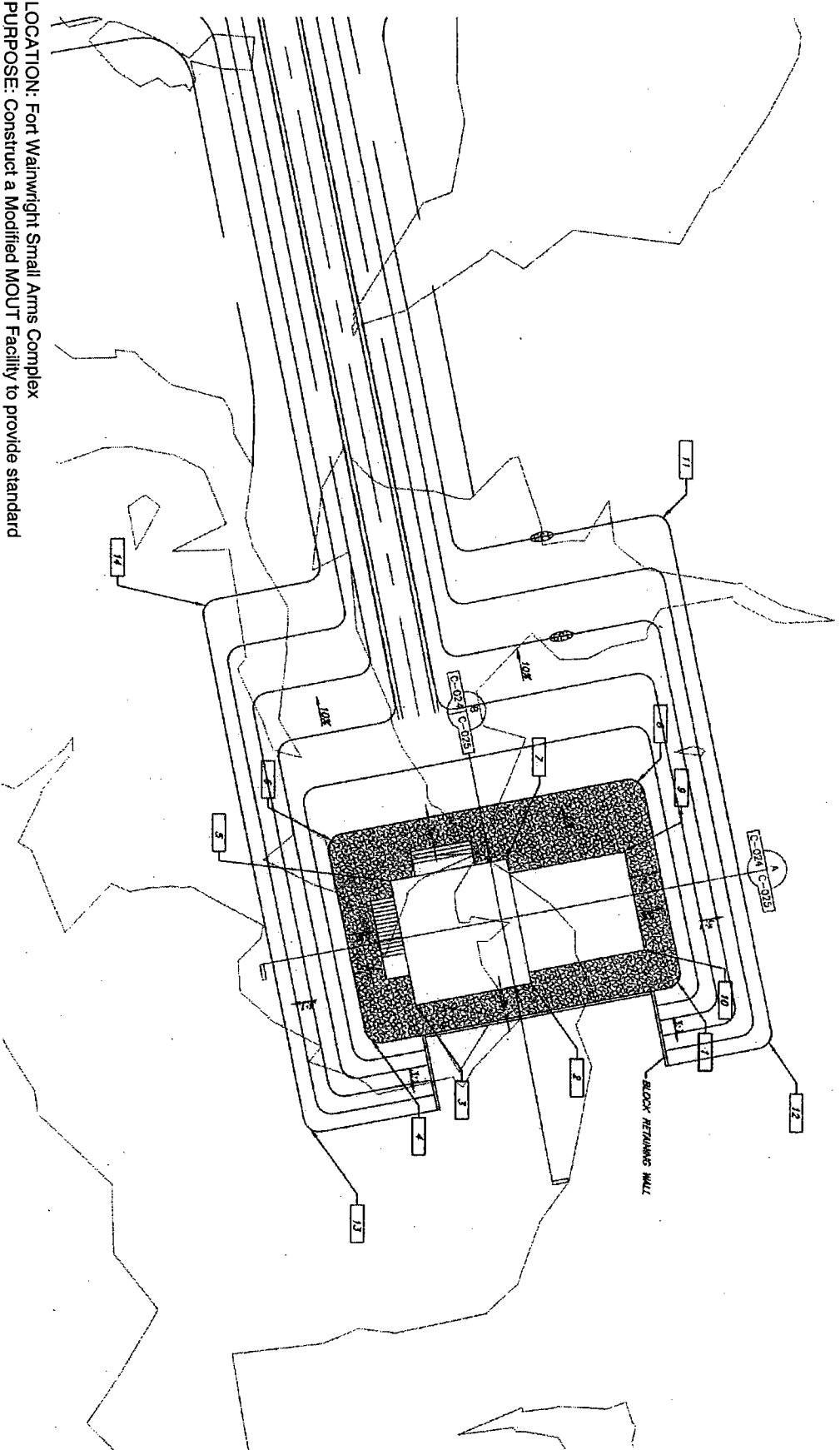
Modified MOUT Facility – Shoot House – Fill Cross Sections



LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in infantry squad tactics and basic urban operations.
NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

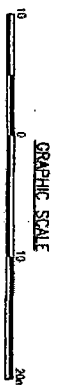
4-2002-1098 Tanana River 222
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Modified MOUT Facility – Urban Defense Site Plan



LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in Infantry squad tactics and basic urban operations.
NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

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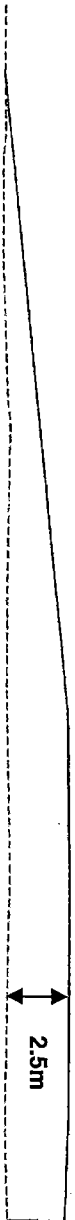


Modified MOUT Facility – Urban Defense – Fill Cross sections

SECTION
A
C-024 | C-023

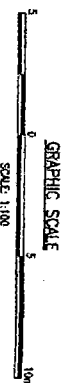


SECTION
B
C-024 | C-025



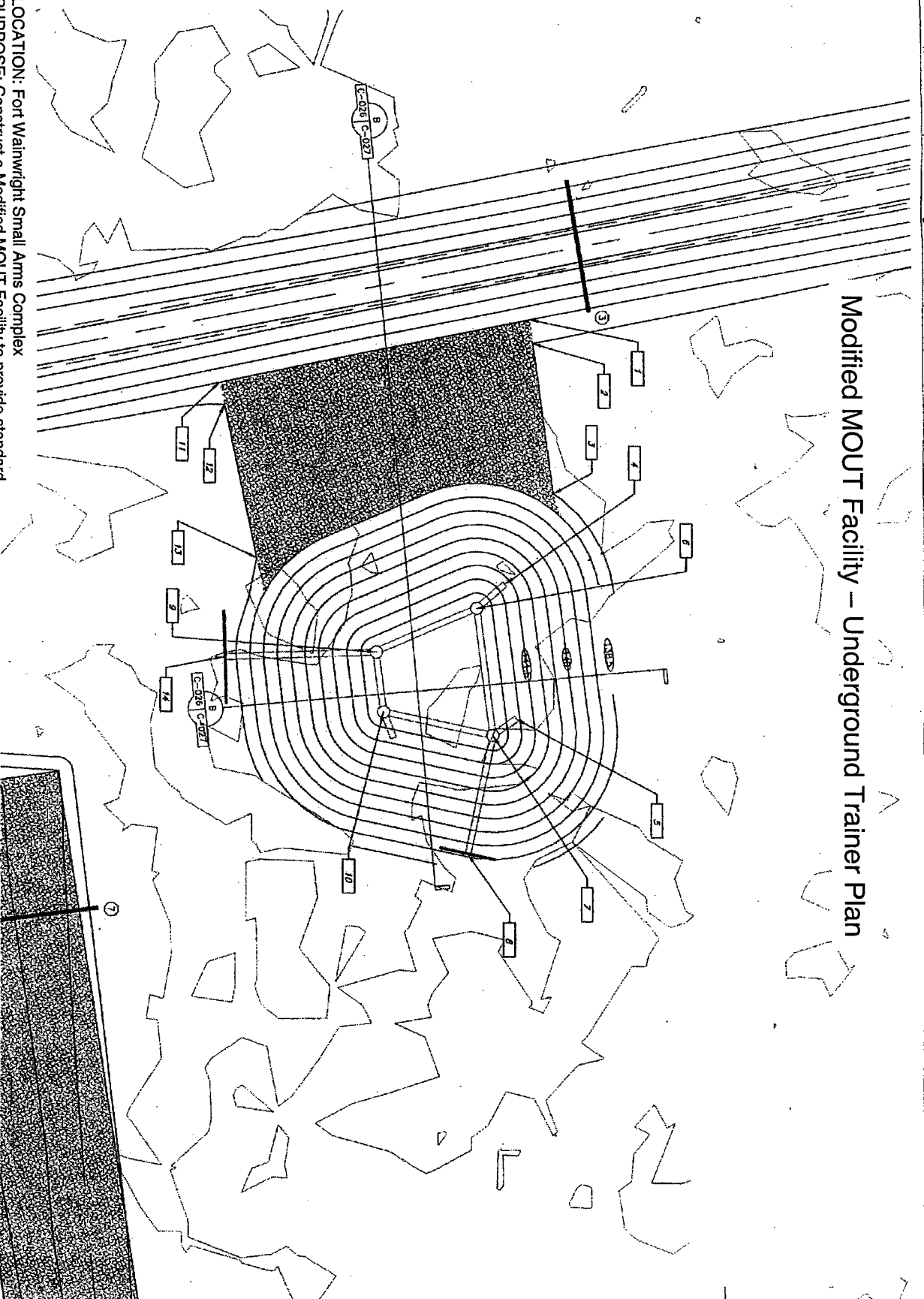
LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in Infantry squad tactics and basic urban operations.
NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

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 12/15/2003

Modified MOUT Facility – Underground Trainer Plan



LOCATION: Fort Wainwright Small Arms Complex

PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in infantry squad tactics and basic urban operations.

NEAREST WATERBODY: Tanana River

Fairbanks North Star Borough

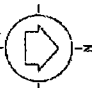
Section 20 & 29 T1S, R1E, Fairbanks Meridian

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4-2002-109F Tanana River 222

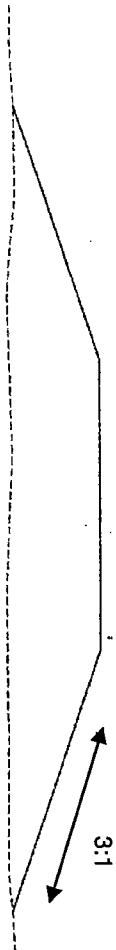
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GRAPHIC SCALE

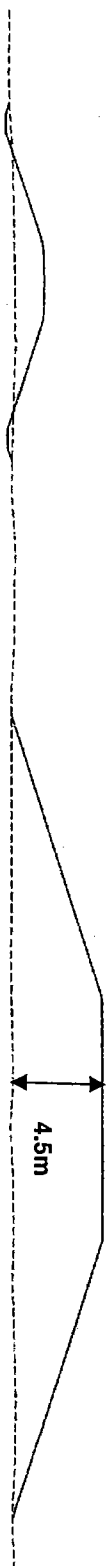


Modified MOUT Facility – Underground Trainer – Cross section

SECTION A
C-026 C-027



SECTION B
C-026 C-027



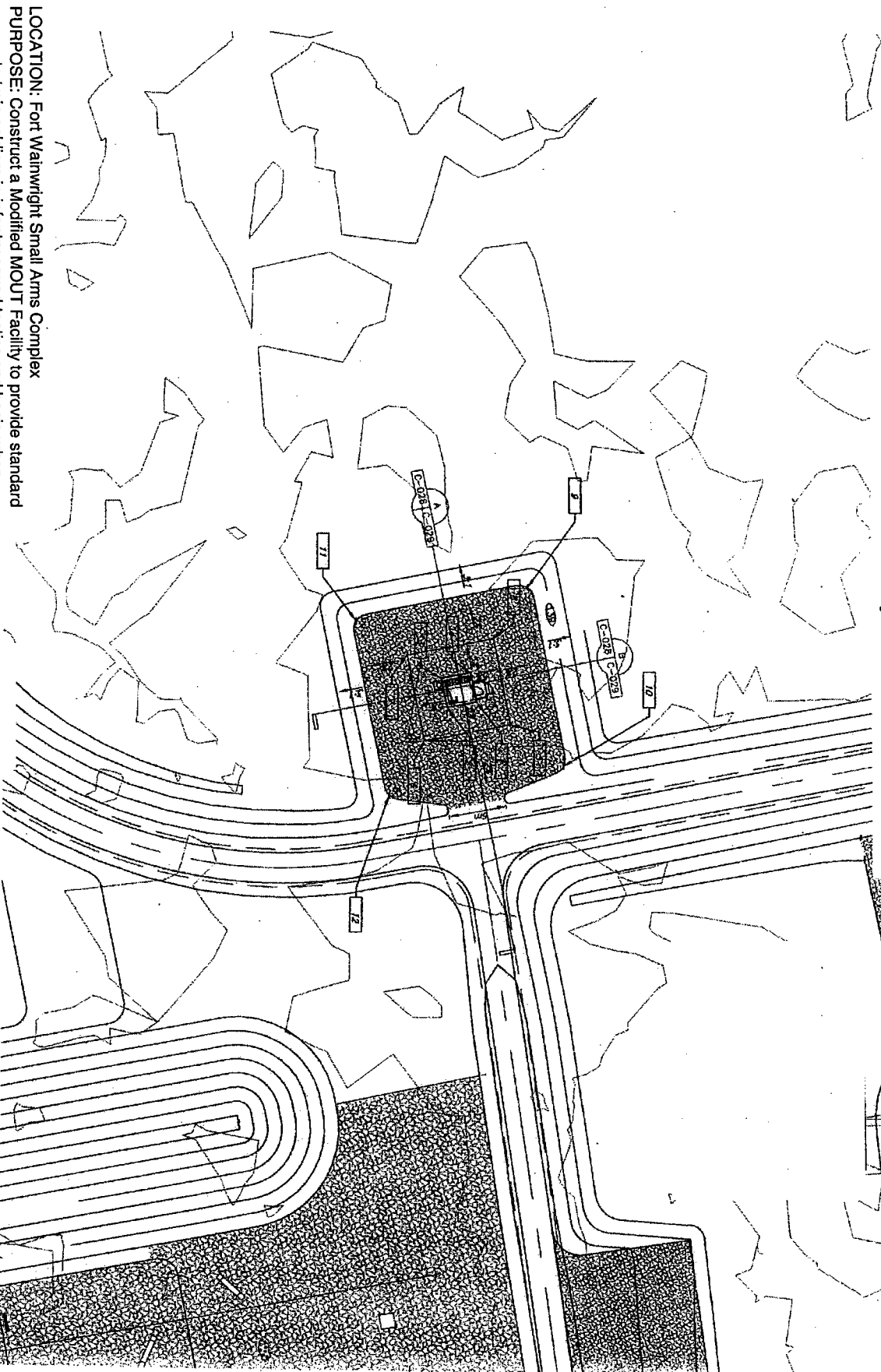
LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in infantry squad tactics and basic urban operations.
NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

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Modified MOUT Facility – Latrine Site Plan



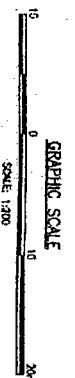
LOCATION: Fort Wainwright Small Arms Complex
 PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in Infantry squad tactics and basic urban operations.
 NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

SCALE: 1:200

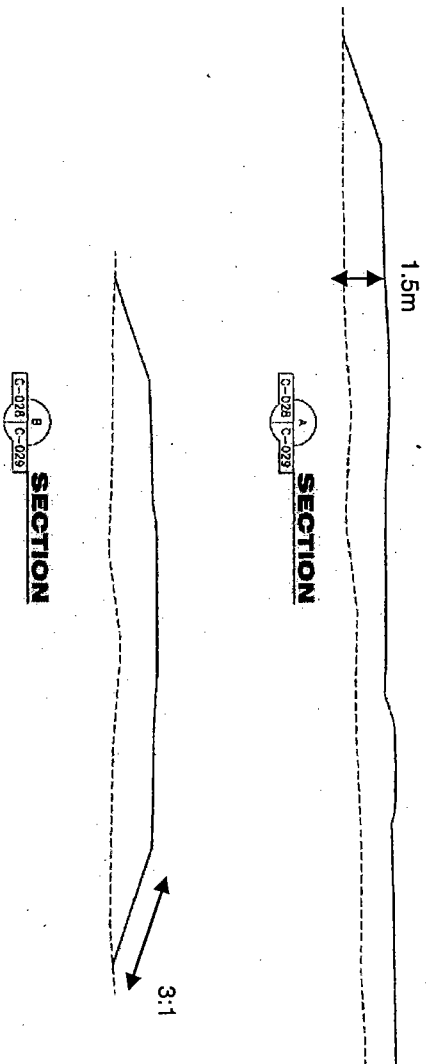
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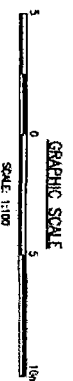


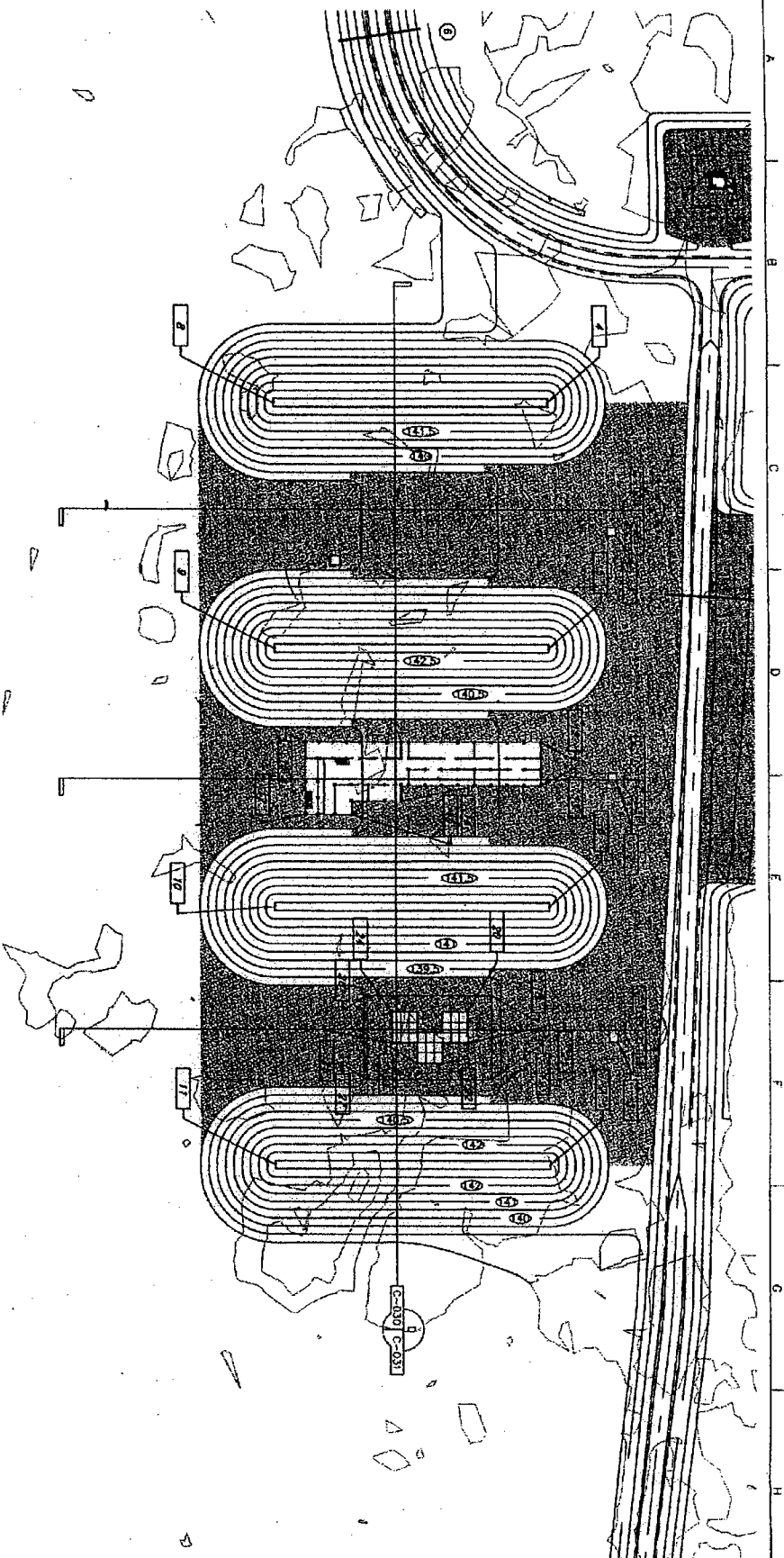
Modified MOUT Facility – Latrine Cross Section



LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in infantry squad tactics and basic urban operations.
NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

4-2002-1098 Tanana River 12/15/2003

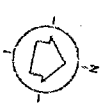
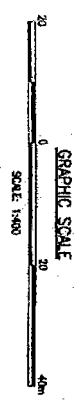
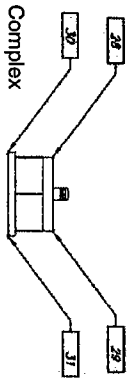




Modified MOUT Facility - Urban Assault Course Site Plan

LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in infantry squad tactics and basic urban operations.

NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian



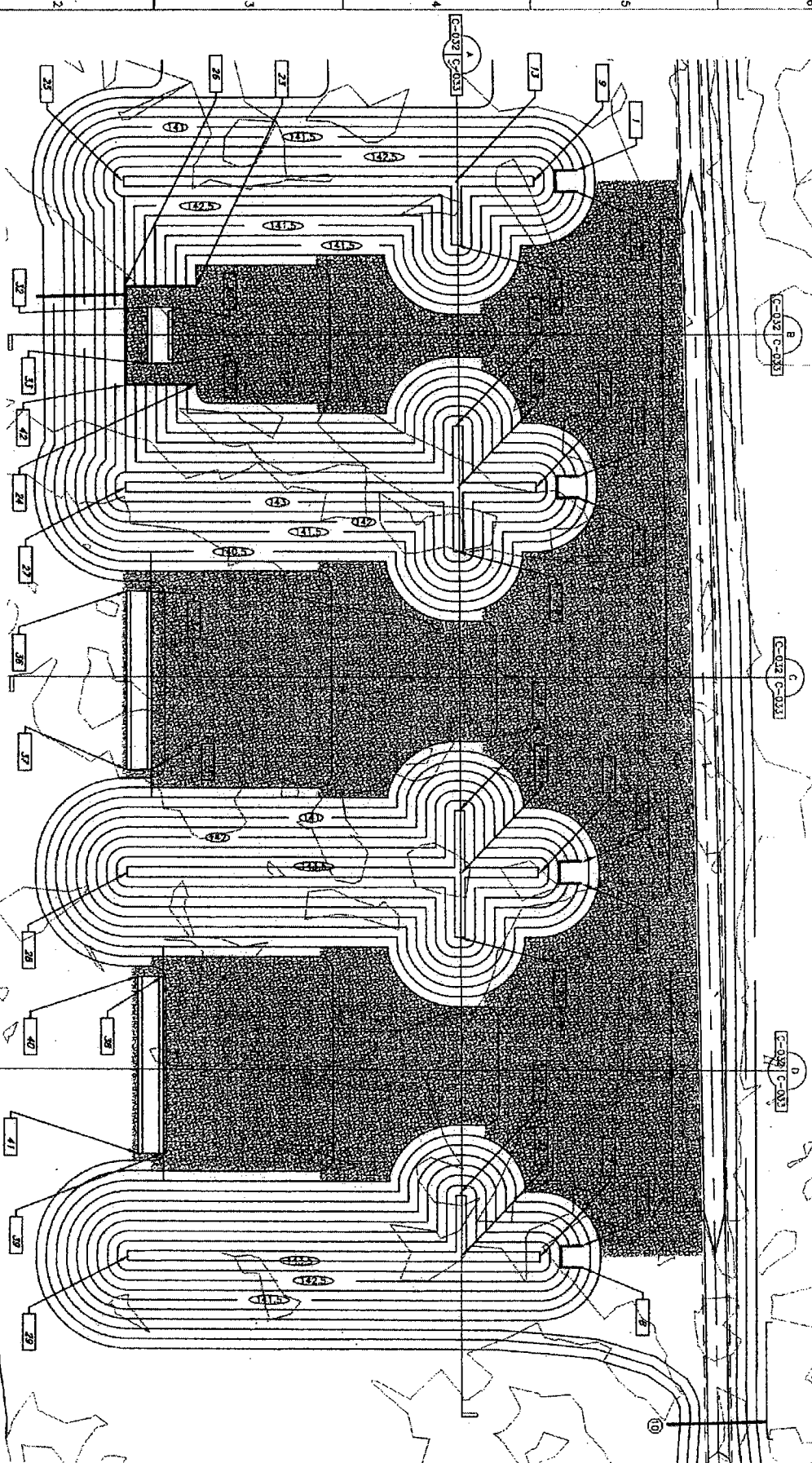
Modified MOUT Facility – Urban Assault Cross Sections



LOCATION: Fort Wainwright Small Arms Complex
 PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in infantry squad tactics and basic urban operations.
 NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

4-2002-1098 Tanana River 202 12/15/2003

Modified MOUT Facility – Breach Facility Site Plan

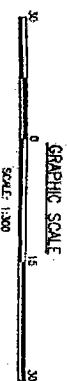


LOCATION: Fort Wainwright Small Arms Complex
 PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in Infantry squad tactics and basic urban operations.
 NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

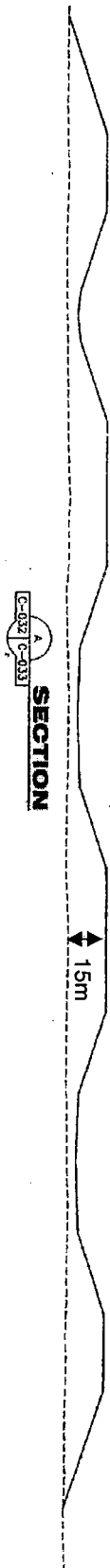
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Tanana River 022



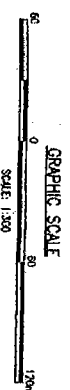
Modified MOUT Facility – Breach Facility Cross Sections



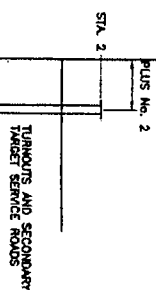
LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in Infantry squad tactics and basic urban operations.

NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

SECTION



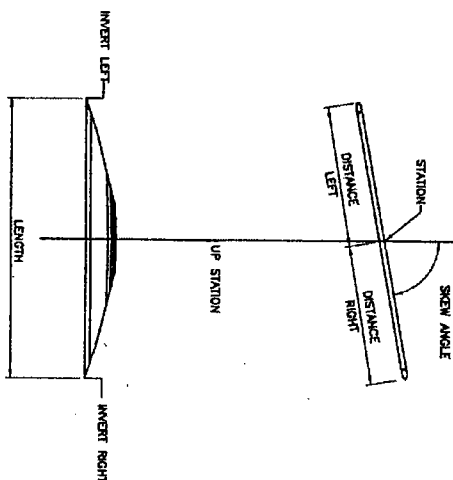
FTW CULVERT SCHEDULE											
CULVERT NO.	PLAN SHEET REFERENCE	CULVERT PROFILE SHEET REFERENCE	TARGET/ROAD NAME	STATION	SIZE (mm)	LENGTH (m)	SLOPE (%)	SOAK PILE	DRAINAGE LEFT (m)	DRAINAGE RIGHT (m)	WALL THICKNESS (mm)
1	C-005	C-041	FTW ACCESS ROAD 1	0+046.640	450	14.72	1.00	8070'44"	7.15	7.57	1321
2	C-005	C-041	FTW ACCESS ROAD 1	0+078.175	800	14.75	1.00	8370'14"	7.16	7.56	1321
3	C-007	C-041	FTW ACCESS ROAD 1	0+078.175	800	14.84	1.00	8730'46"	7.19	7.64	1321
4	C-008	C-041	FTW ACCESS ROAD 1	0+084.944	450	15.03	1.00	9116'47"	7.14	7.49	1321
5	C-008	C-041	FTW ACCESS ROAD 1	0+084.944	450	14.17	1.00	9152'00"	7.12	7.15	1321
6	C-010	C-041	FTW ACCESS ROAD 1	1+111.172	450	14.80	1.00	8744'50"	7.14	7.44	1321
7	C-008	C-042	FTW ACCESS ROAD 2	0+060.153	450	12.86	1.00	9047'01"	6.25	6.80	1321
8	C-008	C-042	FTW ACCESS ROAD 2	0+230.27	450	14.72	1.00	8642'30"	7.19	7.53	1321
9	C-009	C-042	FTW ACCESS ROAD 2	0+303.128	450	14.75	1.00	9045'13"	7.16	7.59	1321
10	C-009	C-042	FTW ACCESS ROAD 2	0+303.095	450	13.20	1.00	8370'44"	6.41	6.79	1321
11	C-011	C-042	FTW ACCESS ROAD 2	0+329.951	450	14.72	1.00	8670'44"	7.13	7.59	1321



LOCATION: Fort Wainwright Small Arms Complex
 PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in infantry squad tactics and basic urban operations.
 NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

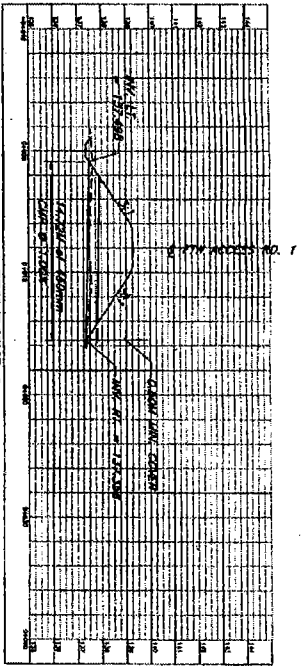
TYPICAL CULVERT PLAN AND PROFILE

NOT TO SCALE

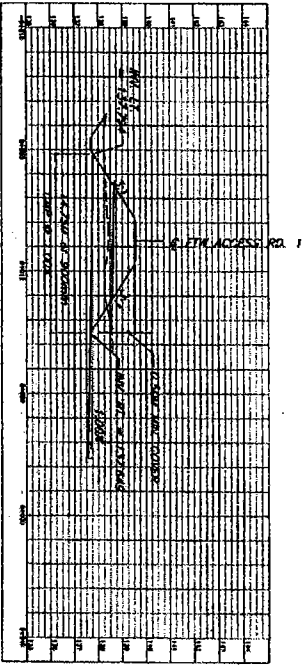


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 12/15/2003

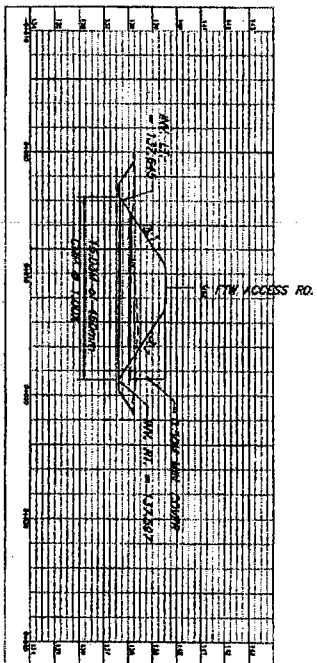
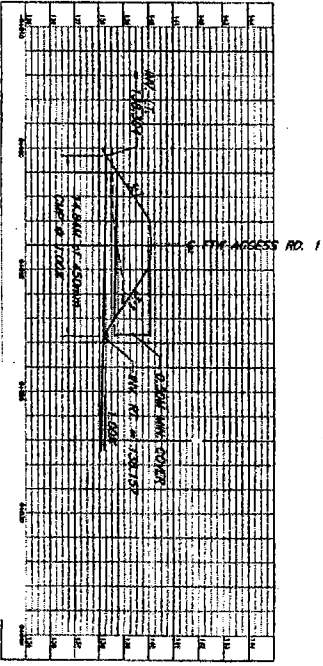
Modified MOUT Facility – Culvert Cross Sections (1-6)



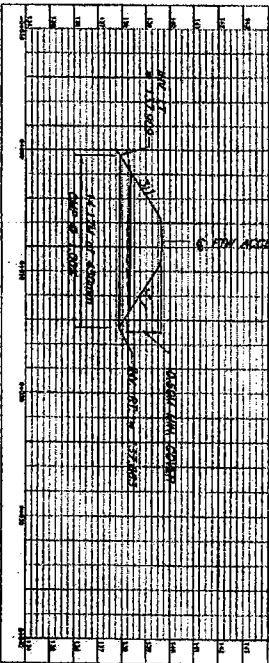
FTW PIPE 1



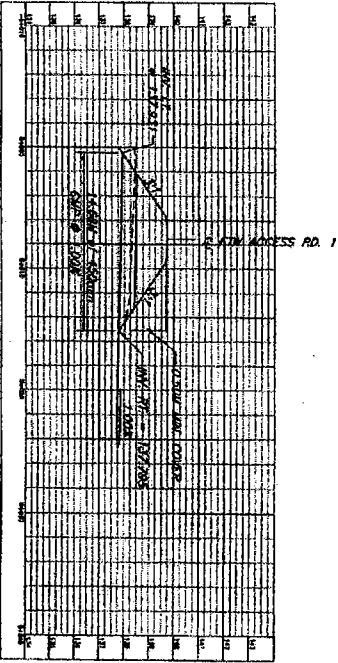
FTW PIPE 2



FTW PIPE 4



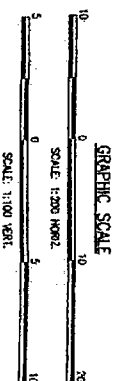
FTW PIPE 5



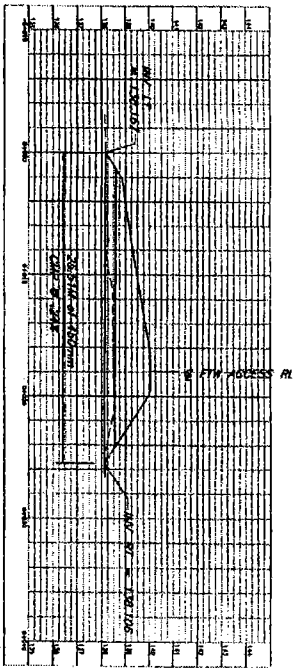
FTW PIPE 6

LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in infantry squad tactics and basic urban operations.

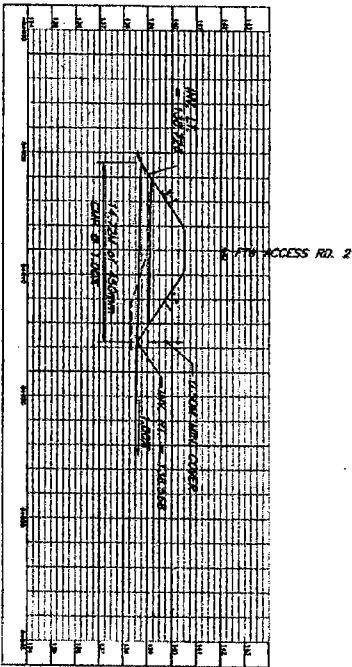
NEAREST WATERBODY: Tanana River
Fairbanks North Star Borough
Section 20 & 29 T1S, R1E, Fairbanks Meridian



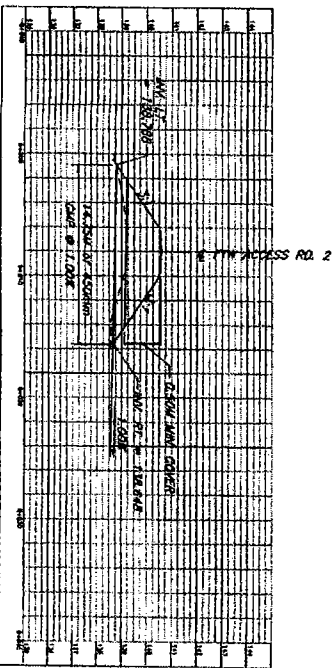
Modified MOUT Facility – Culvert Cross Sections (7-11)



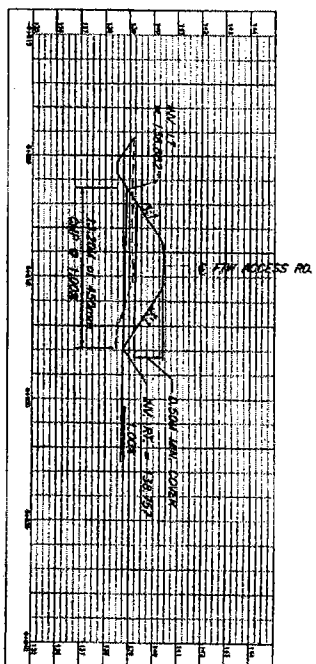
FTW PIPE 7



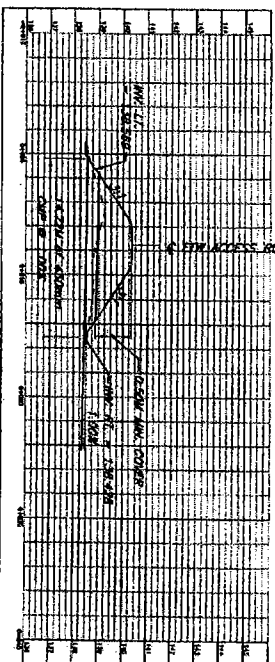
FTW PIPE 8



FTW PIPE 9

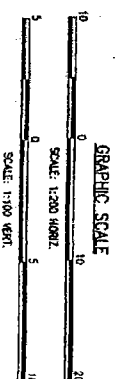


FTW PIPE 10

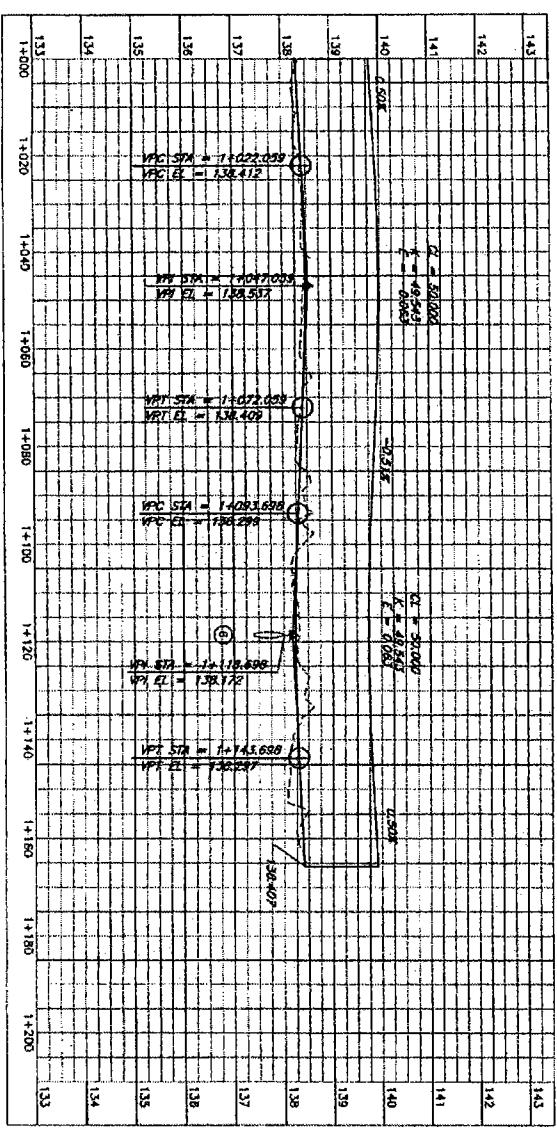
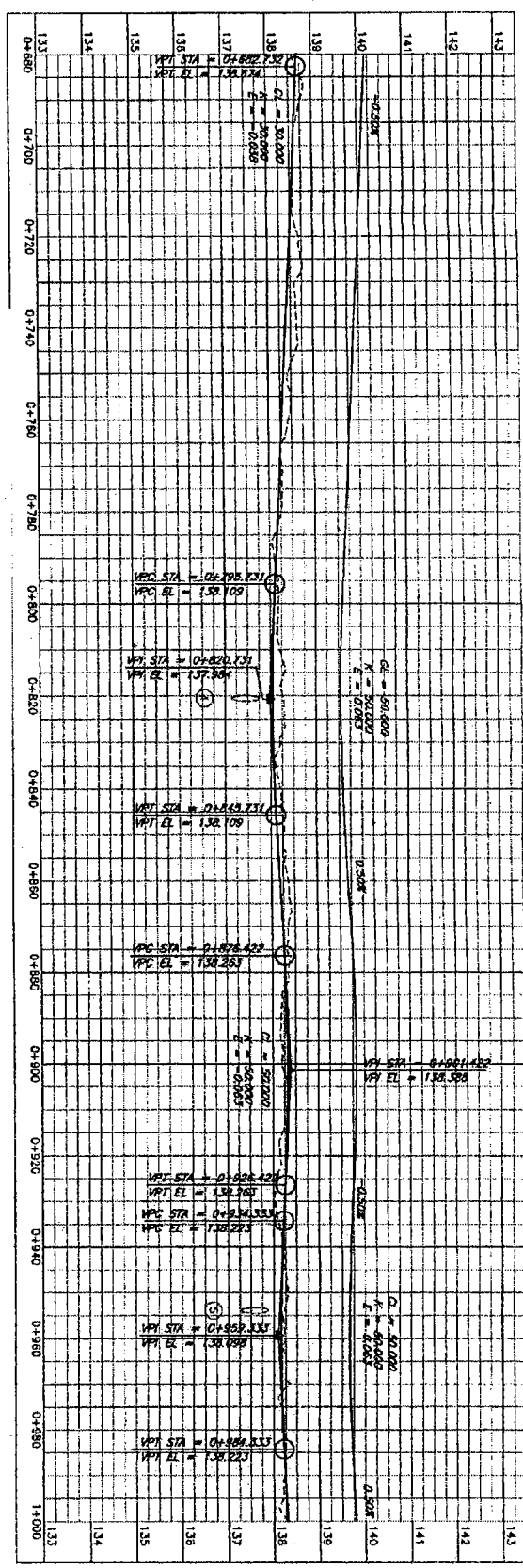


FTW PIPE 11

LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in infantry squad tactics and basic urban operations.
NEAREST WATERBODY: Tanana River
Fairbanks North Star Borough
Section 20 & 29 T1S, R1E, Fairbanks Meridian



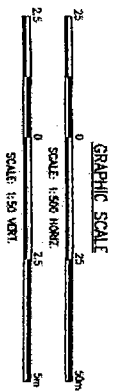
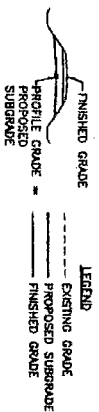
Modified MOUT Facility – Access Road Profile (B)



LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in Infantry squad tactics and basic urban operations.

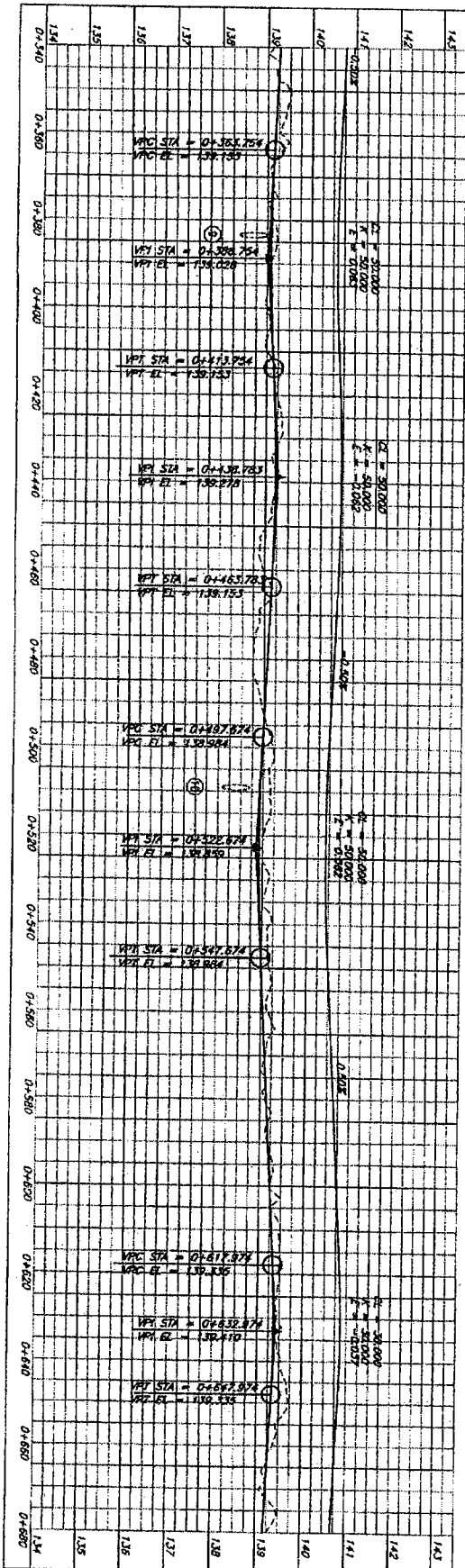
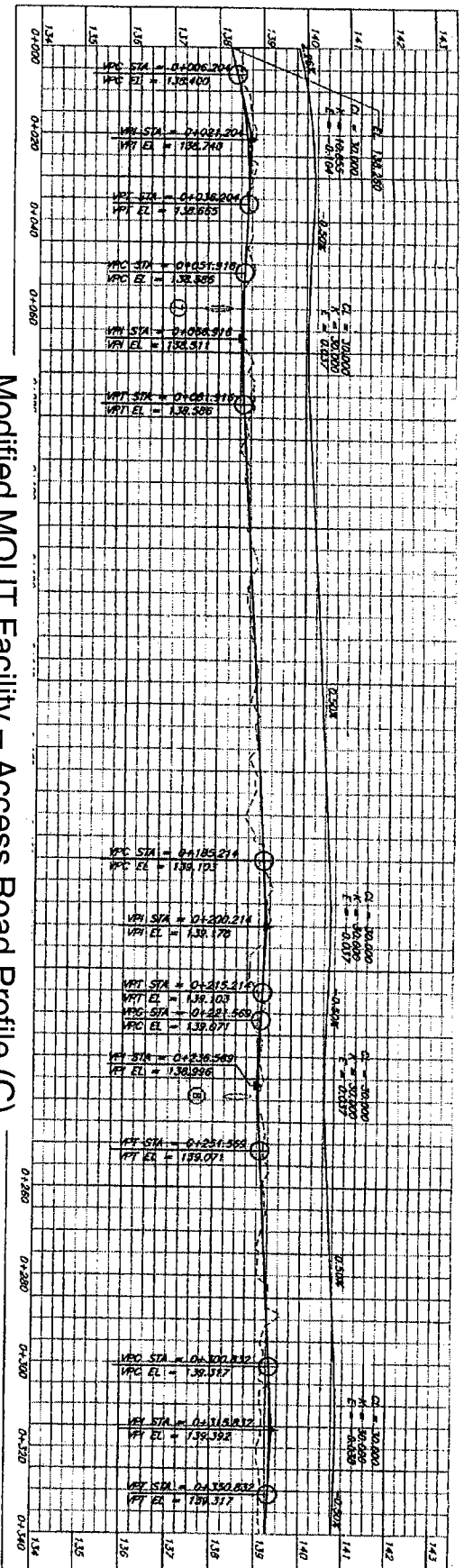
FTW ACCESS RD. 1

NEAREST WATERBODY: Tanana River
Fairbanks North Star Borough
Section 20 & 29 T1S, R1E, Fairbanks Meridian



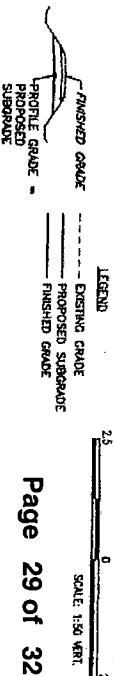
4-2002-1098 Tanana River 2002
12/15/2003

Modified MOUT Facility – Access Road Profile (C)



LOCATION: Fort Wainwright Small Arms Complex
 PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in Infantry squad tactics and basic urban operations.
 NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

FTW ACCESS RD. 2

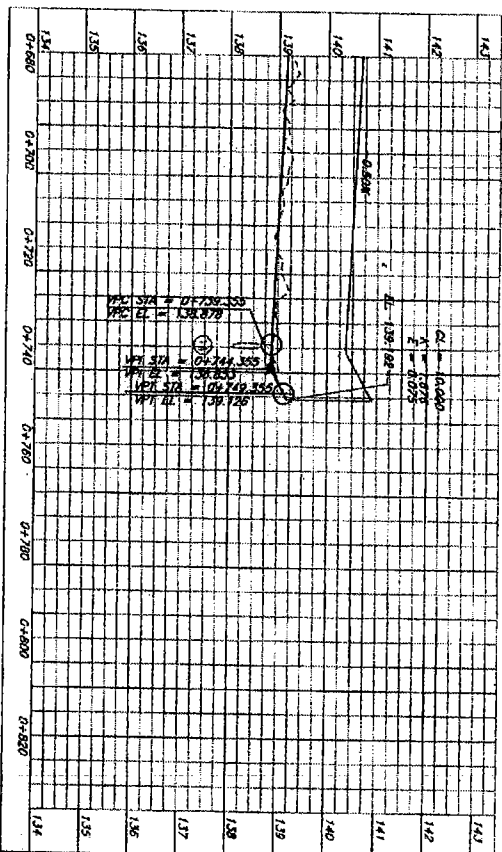


4-2002-1098

Tanana River 222

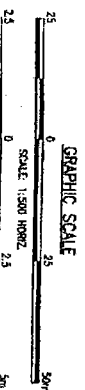
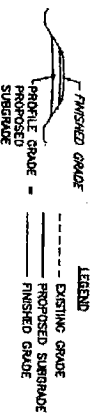
12/15/2003

Modified MOUT Facility – Access Road Profile (D)

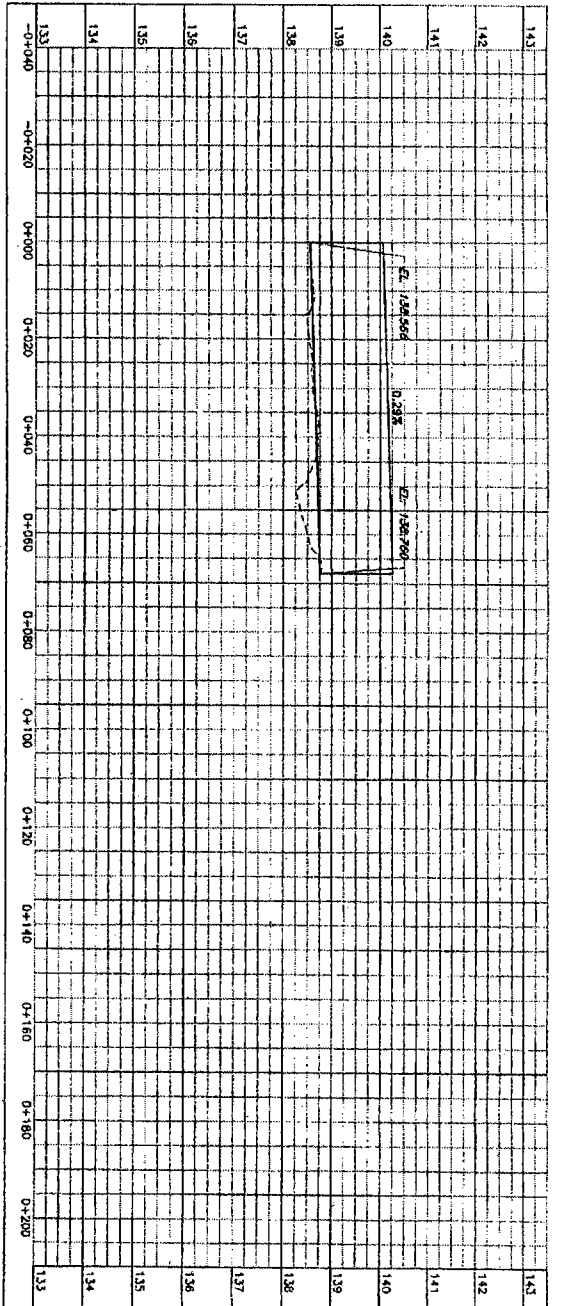


FTW ACCESS RD. 2

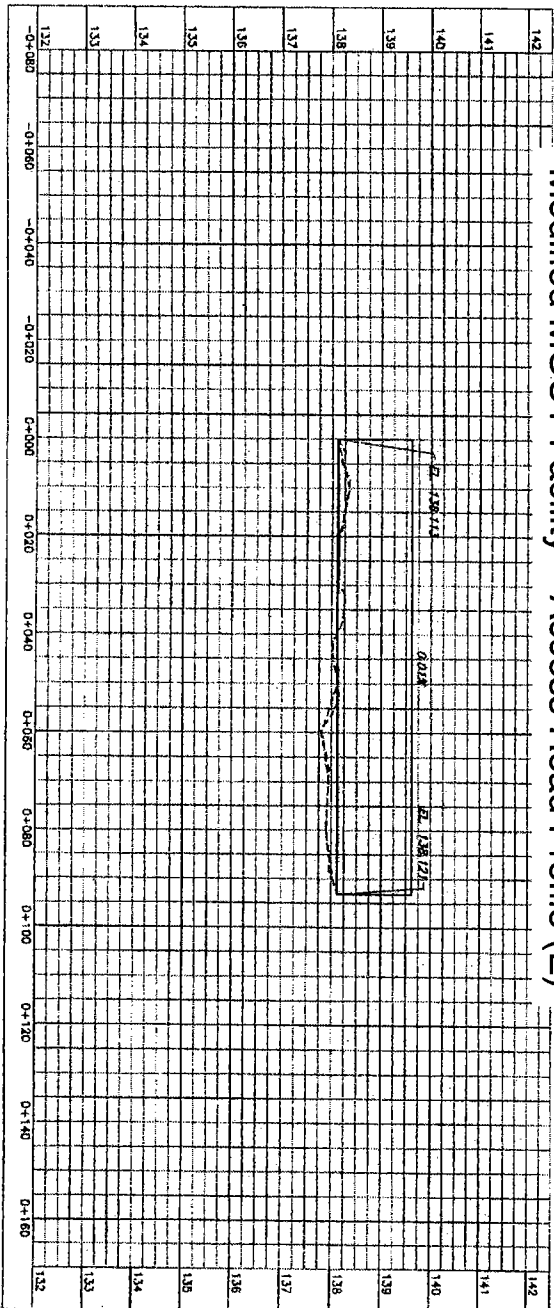
LOCATION: Fort Wainwright Small Arms Complex
 PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in infantry squad tactics and basic urban operations.
 NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian



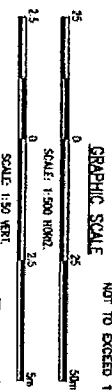
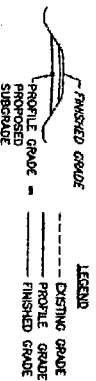
4-2002-1098 Tanana River 222
 12/15/2003



Modified MOUT Facility - Access Road Profile (E)



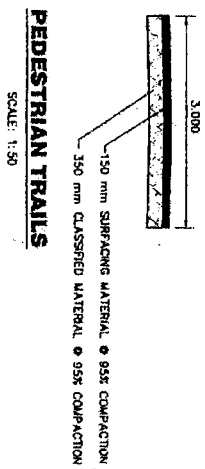
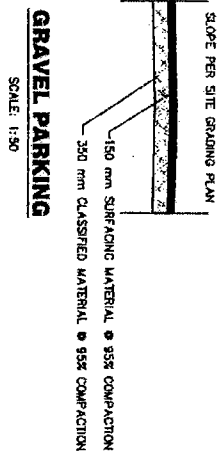
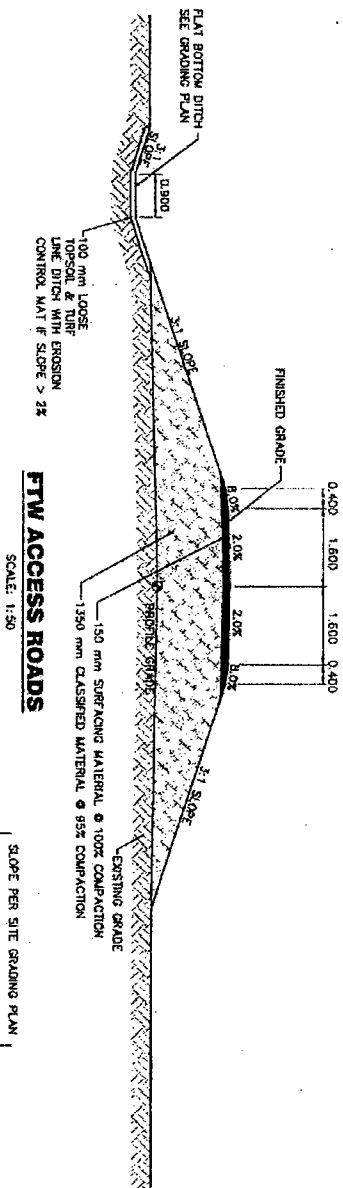
LOCATION: Fort Wainwright Small Arms Complex
 PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in infantry squad tactics and basic urban operations.
 NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian



NOTE: CONTRACTOR SHALL THE OVERLAP ROAD SECTION TO EXISTING TRAIL ELEVATIONS BY TAPERING GRAVEL DOWN AT A SLOP NOT TO EXCEED 10%

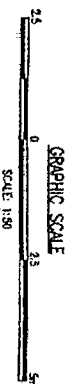
4-2002-1098 Tanana River 2002
 12/15/2003

Modified MOUT Facility – Access Road Cross Sections



LOCATION: Fort Wainwright Small Arms Complex
PURPOSE: Construct a Modified MOUT Facility to provide standard ranges to train soldiers in Infantry squad tactics and basic urban operations.
NEAREST WATERBODY: Tanana River
 Fairbanks North Star Borough
 Section 20 & 29 T1S, R1E, Fairbanks Meridian

NOTE:
 ALL MEASUREMENTS ARE IN MILLIMETERS
 UNLESS OTHERWISE NOTED.



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 12/15/2003